

PI 561697 to 561699. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Fioritto, R.J., Ohio Agricultural Research & Dev. Center, Ohio State University, Wooster, Ohio 44691-4096, United States. **remarks:** HM2, HM3, and HM4 Soybean Germplasms. Received June 23, 1992.

PI 561697 **origin:** United States. **developed:** B.A. McBlain, R.J. Fioritto, A.F. Schmitthenner, S.J. Carson, A.K. Walker. **origin institute:** Ohio Agricultural Research & Dev. Center, Ohio State University, Wooster, Ohio 44691-4096 United States. **cultivar:** HM2. **pedigree:** Derived from the fourth cycle of recurrent selection of the population *Phytophthora megasperma* f. sp. *glycinea* Tolerance. **other id:** GP-142. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Flowers purple. Pods brown. Pubescence tawny. Seed dull yellow with black hila. Resistant to Race 1 of *Phytophthora sojae*, but susceptible to Races 16 and 25. Intermediate reactions to Races 3, 4, 7, 8 and 10. Spring Annual. Breeding Material. Seed.

PI 561698 **origin:** United States. **developed:** B.A. McBlain, R.J. Fioritto, A.F. Schmitthenner, S.J. Carson, A.K. Walker. **origin institute:** Ohio Agricultural Research & Dev. Center, Ohio State University, Wooster, Ohio 44691-4096 United States. **cultivar:** HM3. **pedigree:** Derived from the fourth cycle of recurrent selection of the population *Phytophthora megasperma* f. sp. *glycinea* Tolerance. **other id:** GP-143. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Resistant to Race 1 of *Phytophthora sojae*, and Races 16 and 25, than that of HM2. Intermediate reactions to Races 3, 4, 7, 16 and 25. Susceptible to Races 8 and 10. Pigmentation the same as HM2. Spring Annual. Breeding Material. Seed.

PI 561699 **origin:** United States. **developed:** B.A. McBlain, R.J. Fioritto, A.F. Schmitthenner, S.J. Carson, A.K. Walker. **origin institute:** Ohio Agricultural Research & Dev. Center, Ohio State University, Wooster, Ohio 44691-4096 United States. **cultivar:** HM4. **pedigree:** Derived from the fourth cycle of recurrent selection of the population *Phytophthora megasperma* f.sp. *glycinea* Tolerance. **other id:** GP-144. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Intermediate reaction to *Phytophthora sojae* Race 1. Pubescence gray and tawny. Hila black and imperfect black. Spring Annual. Breeding Material. Seed.

PI 561700. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Fioritto, R.J., Ohio Agricultural Research & Dev. Center, Wooster, Ohio 44691-4096, United States; and Agricultural Research Service -- USDA. **remarks:** Erie Soybean. Received June 23, 1992.